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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/560,573	12/12/2005	Theodore Letavic	US03 0162 US2	6633
65913	7590	04/26/2007	EXAMINER	
NXP, B.V.			KEBEDE, BROOK	
NXP INTELLECTUAL PROPERTY DEPARTMENT			ART UNIT	PAPER NUMBER
M/S41-SJ				2823
1109 MCKAY DRIVE				
SAN JOSE, CA 95131				
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		04/26/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)
	10/560,573	LETAVIC, THEODORE
	Examiner Brook Kebede	Art Unit 2823

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 05 April 2007.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-3 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-3 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date 12/12/05.

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
 5) Notice of Informal Patent Application
 6) Other: _____.

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of Species I, i.e., claims 1-3, in the reply filed on April 5, 2007 is acknowledged. Accordingly, the non-elected claims cancelled as set forth in the amendment filed on April 5, 2007.

Specification

2. The abstract of the disclosure is objected to because of the following:

A single page abstract is required as set forth 37 C.F.R. § 1.72(b). Correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by Krivokapic (US 6,339,244 B1).

Re claim 1, Krivokapic discloses a thin film Silicon on Insulator (SOI) device comprising a source (34), a gate (22), a drain (36), an SOI layer (18), and a substrate layer (12), the substrate layer (12) being maintained at a potential enough lower than the source so that a parasitic MOS channel is formed between the source and drain (i.e., low concentration p- type doped substrate 12); and a Deep N implant layer (40) (i.e., n-type dopant 40 formed in the substrate 12, Figs. 4-6, invert the p-type dopant that prevent electric fields from the drain to reach through the insulator to the source during the operation) formed between either the source

or drain and the parasitic MOS channel to prevent the flow of current between the source and drain via the parasitic MOS channel when the device is in an off state (i.e., fully depleted channel during region of **18 OFF-STATE** of the MOS device) (see Figs. 1-11 and related text in Col. 2, line 43 – Col. 4, line 63).

Re claim 2, as applied to claim 1 above, Krivokapic discloses all the claimed limitations including wherein the Deep N implant layer is formed between the source and the parasitic MOS channel (see Figs. 1-11 and related text in Col. 2, line 43 – Col. 4, line 63).

Re claim 3, as applied to claim 1 above, Krivokapic discloses all the claimed limitations including wherein the Deep N implant layer is formed between the drain and the parasitic MOS channel (see Figs. 1-11 and related text in Col. 2, line 43 – Col. 4, line 63).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure Mitani et al. (US 5,864, 161 A) and Iwata et al. (US 6,255,704 B1) also disclose similar inventive subject matter.

Correspondence

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brook Kebede whose telephone number is (571) 272-1862. The examiner can normally be reached on 8-5 Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew S. Smith can be reached on (571) 272-1907. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2823

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Brook Kebede

Brook Kebede
Primary Examiner
Art Unit 2823

BK

April 23, 2007